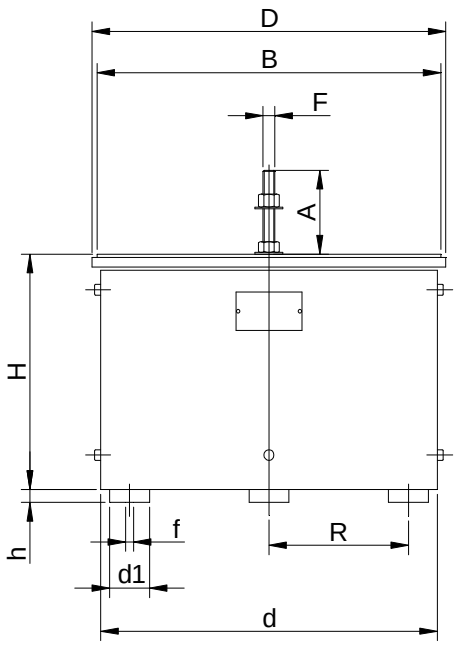
A01 CIRCULAR DRIVE UNITS

The innovative Design and the new technology of the Electromagnet/spring devices, make the DRIVE UNIT series CHTB one of the most advanced one among technologies currently available on the market. TUMAC's drive units offer reliability and high performance in the time, and are less noisy. Sturdy in construction, designed for heavy duty and continuous operations, with zero maintenance. The use of high performance magnets gives a continuous high feed rate regardless of the number of pieces in the bowl. The TUMAC Equipment are designed and manufactured according to the end-users requirements, in order to guarantee performance, reliability, user-friendly operations with an excellent match of value-for-money. For any information, please do not hesitate to contact us.



Basic Criteria application area vibration frequency 3000 c/min

- For heavy additional mass at the bowl
- For minor noise emission
- For more loading pieces into the bowl

Basic Criteria application area vibration frequency 6000 c/min

- For a "fine" orientating - management of the pieces in output

TECHNICAL DATA

Protection Class	IP54/IP65
Connection Cable length	1.800mm, with socket Male 3+1 pin 10A EN61984
Cycles/min (Output vibrating frequency)	6000
	3000
Power supply STD	230V AC 50Hz mono

Upon request, We can supply with different voltages and frequencies

Rules according	ESM machinery directive 2006/42/CE

NOTE:* To be defined the feed output direction "Clockwise – Counterclockwise"

Data Sheet DRIVE UNITS Value at 230V AC 50Hz

Type	Hz	D	d	H	h	H+h	R	d1	A	B	f	Foot	F	Weight	Magnets	Action	A
	Frequency	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	n#	mm	Kg	n#	Direction	Max
CHTB 10		98	100	51	8	59	35	15	17	97	M4	4	M5	1,5	1	Vertical	0,08
CHTB 15	6.000	151	147	138	9	147	55	25	36	145	M6	4	M8	9	1	Vertical	0,27
CHTB 20		205	197	175	9	184	74	25	50	198	M6	4	M10	18	1	Vertical	0,77
CHTB 25	3.000	255	232	194	10	204	93	30	56	245	M8	3	M10	26	1	Vertical	0,87
	6.000															Vertical	0,71
CHTB 30	3.000	305	273	194	10	204	113	30	56	295	M8	3	M10	36	1	Vertical	1,22
	6.000															Vertical	1,15
CHTB 35	3.000	355	338	219	12	231	140	40	78	345	M8	4	M12	55	2	Horizontal	1,89
	6.000															Horizontal	1,45
CHTB 40	3.000	405	388	222	12	234	163	40	68	395	M8	4	M12	70	2	Horizontal	1,74
	6.000															Horizontal	1,62
CHTB 50	3.000	507	463	224	25	249	175	40	80	495	M8	4	M12	105	3	Horizontal	2,68
	6.000															Horizontal	2,43
CHTB 601		507	499	266	18	284	220	40	100	495	M8	4	M12	130	2	Vertical	1,81
CHTB 61	3.000	611	599	292	45	337	182	70	162	605	M10	4	M20	230	3	Horizontal	2,48
TB 10		750	704	300	45	345	282	70	198	746	M10	8	M20	350	6	Horizontal	4,93

CHTB New series, can be equipped with a wide range of shape bowls see our Technical Proposal